

ZIL'BERBERG, Ya.; TUL'CHINSKIY, Yu.

Nomogram for calculating the consumption of cold in cooling
units. Mias. ind. SSSR 32 no.4:27-29 '61. (MIRA 14:9)
(Cold storage warehouses)

MATSKIN, V.S., inzh.; TUL'CHINSKIY, Yu.V., inzh.; ANTMAKHER, B.I., inzh.;
KRUGLYAK, Yu.B., inzh.

Multipoint two-position temperature regulator using an electronic
bridge. Khol. tekhn. 38 no. 6:16-17 N-D '61. (MIRA 15:1)

1. Proyektno-konstruktorskiy institut Pishcheprom (for Matskin,
Tul'chinskiy). 2. Odesskiy kholodil'nik (for Antmakher, Kruglyak).
(Temperature regulators)

MAKAREVICH, L.M., inzh.; TUL'CHINSKIY, Yu.V.

Program controlled filling and emptying of containers. Mekh. i avtom.
proizv. 17 no. 3:9-11 Mr '63. (MIRA 17:9)

TITLE: Automatic control system of the processes of filling and emptying

PUBLISHER: Vsesoyuznoye nauchno-tekhnicheskoye izdatelstvo, no. 3, 1963, -ii

TEXT: The authors developed and built a system in the proyektno-konstruktorskoy institut avtomatizatsii i upravleniya promyslennosti - PKP Pishcheprom (Plant for food

processor) for controlling the system which sent order commands to the valves and pumps, monitoring the level and time of proper sequence. Levels in tanks were controlled by liquid level sensors. This system was tested on a group of 6 milk tanks. The system controlled the entrance line selection and operation of the tank. It also controlled the temperature of the milk at different air temperatures. The system controlled the valves and pumps. The system controlled the valves via micro-computer. The system controlled the valves and pumps via micro-computer. The system controlled the valves and pumps via micro-computer.

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S/118/63/000/003/002/003

Automatic programmed control ...

static memory which combined storage and sending current commands; the device was always ready for operation, and the next signal was blocked when any valve actuating mechanism was in operation. Production tests in the Moskovskiy mlechnyy kombinat (Moscow Milk Combine) at Ostankino were successful.

L 38926-66

ACC NR: AP6016757

(A)

SOURCE CODE: UR/0118/66/000/001/0043/0045

AUTHOR: Yevstratov, V. F. (Engineer); Tul'chinskiy, Yu. V. (Engineer)32
33

ORG: none

TITLE: Reliability indexes of certain elements of automation systems

SOURCE: Mekhanizatsiya i avtomatizatsiya proizvodstva, no. 1, 1966, 43-45

TOPIC TAGS: reliability engineering, automation equipment, industrial automation

ABSTRACT: Data are given on the reliability of certain elements and components which, to a known degree, broaden the possibility of using information on failure rates. The conditions and modes under which the elements and components function and the confidence interval of the values of the failure rates make it possible to use the cited indexes of reliability in calculations determining the order of magnitude of reliability. These data on the reliability of elements are the result of the statistical processing of information obtained during tests of an experimental automatic control system for refrigerating units on a fishing trawler. Statistical processing of the obtained information was done on the assumption that the law of the distribution of the service life of the elements is indicative. The tests were carried out according to a plan of the type (n, B, t) . This plan calls for testing n elements during time t . Each element that failed was replaced by a new one, which is indicated by

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ACC NR: AP6016757

the symbol B. As a result of the statistical processing of the experimental data the authors derived the confidence values of the average failure rates of magnetic and semiconductor elements and the mean group failure rate of resistors, diodes, transistors, and windings. Orig. art. has: 2 tables and 4 figures.

SUB CODE: 14 / SUBM DATE: 00 / ORIG REF: 000 / OTH REF: 000

Card 2/2 H

TUL'CHIY, V.I. [Tul'chii, V.I.]

Flexure of an infinite plate weakened by two round holes the edges
of which are reinforced by thin rings. Dop. ta pov. L'viv. un.
no.7 pt. 3:296-308 '57. (MIRA 11:2)
(Flexure) (Elastic plates and shells)

TUL'CHIY, V.I. (Nikolayev)

Stressed state of a plate with an elliptic hole subjected to bending
by a concentrated force. Prykl.mekh. 9 no.5:564-570 '63.
(MIRA 16:10)

1. Nikolayevskiy pedagogicheskiy institut.

TUL'CHIY, V.I. (Nizhin)

Reinforcement of plates with rings of variable rigidity.
Prykl. mekh. 10 no.5:520-526 '64. (MIRA 17-10)

1. Nizhinskiy pedagogicheskiy institut.

"APPROVED FOR RELEASE: 03/14/2001

CIA-RDP86-00513R001757410015-0

NO REF 377: 005

FILE: 15

SUB CODE: MA, ME

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"APPROVED FOR RELEASE: 03/14/2001

CIA-RDP86-00513R001757410015-0

AUTHOR: Tchachiv, V. I.

SOURCE: AN U.S.R. Dopovidni. no. 2, 1965, 184-187

APPROVED FOR RELEASE: 03/14/2001

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"APPROVED FOR RELEASE: 03/14/2001

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TUL'CHIY, V.I.

A plate with a row of slits near a circular hole. Dep. AN URSR
no.5:573-576 '65. (MIRA 18:5)

1. Nizhinskiy pedagogicheskiy institut.

TUL'CHIY, V.I.

Bend of an anisotropic plate weakened by a circular hole. Dep.
AN URSR no. 71360-864 '65. (MIRA 18:8)

1. Nizhinskiy pedagogicheskiy institut.

L 10792-66 EWT(m)/EWP(w) EM/GS
ACC NR: AT6001081

SOURCE CODE: UR/0000/65/000/000/0044/0051

AUTHOR: Tul'chiy, V. I.

ORG: Nezhinskij Pedagogical Institute (Nezhinskij pedagogicheskiy institut)

TITLE: Determining the optimal values of elastic parameters of a ring reinforcing a plate

SOURCE: Soprotivleniye materialov i teoriya sooruzheniy (Strength of materials and the theory of structures), no. 1. Kiev, Izd-vo Budivel'nyk, 1965, 44-51

TOPIC TAGS: stress analysis, structural strength, reinforced concrete, material strength, thin plate

ABSTRACT: A study is made of the selection of optimal elastic parameter values for a ring reinforcing a plate. The analysis is made for plates which are weakened by openings in the material, and optimal reinforcing is considered to be that configuration which leaves the stressed condition of the weakened plate (with apertures) no different from that of the continuous plate under the action of the same external loading. The elastic equilibrium equations for an annular length ds are written as

$$F = \rho h \tau_p; \quad dF = -h t_{pe} ds,$$

where h is the thickness of the plate, ρ is the radius of curvature of the aperture contour L , F is the tensile force acting in a normal section of the ring, and τ_p and t_{pe} are the tangential and normal stress components in the plate along L . The

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ACC NR: AT6001081

optimality condition is defined by means of the extensional stiffness parameter g ; the author defines g_{opt} as

$$g_{opt} = \frac{\rho E \sigma_p}{\sigma_0 - \mu \sigma_p},$$

where E and μ are Young's modulus and Poisson's coefficient for the plate material, and σ_0 and σ_p are stress components. A table of optimal values of g is shown for a selection of loading conditions and aperture configuration. Optimal parameter values are also found for flexural and torsional stresses. Optimal reinforcing in the case of bending is related to a function of Young's modulus, and in the case of torsion is related to Young's modulus and reinforcement geometry and size. It is noted that torsional stiffness is practically independent of the concentration coefficient. Orig. art. has: 6 tables and 9 equations.

SUB CODE: 1120 SUBM DATE: 14May65/ ORIG REF: 005/ OTH REF: 001

CC
Card 2/2

L 23303-66	EWT(d)/EWT(m)/EWP(w)	IJP(c) EM
ACC NR:	AP6007548	SOURCE CODE: UR/0198/66/002/001/0069/0077
AUTHOR:	Tul'chiy, V. I. (Nezhin)	
ORG:	Nezhin Pedagogical Institute (Nezhinskiy pedagogicheskiy institut)	
TITLE:	Plate loaded over a ring-shaped zone	
SOURCE:	Prikladnaya mekhanika, v. 2, no. 1, 1966, 69-77	
TOPIC TAGS:	stress distribution, metal stress, stress analysis	
ABSTRACT: Two problems in elastic theory are developed for the case when external loads are applied over ring-shaped regions of a plate by using the method of contour smoothing of V. I. Tul'chiy (Pro odin metod rozv'yazaniya ploskoy zadachi teorii pruzhinitosti, DAN URSR, No. 7, 1964). In the first case the load distribution $p(x,y)$ acts over a ring-shaped section of constant width b from both sides of the plate; in the second case the load is a normal load $q(x,y)$ applied on one side over a ring-shaped section adjacent to a hole. The static equations and appropriate boundary conditions at the boundary between loaded and unloaded regions are derived and solved for the two cases. Equations for finding the bending and twisting moments and the shear forces across a longitudinal section are also derived. An example of uniform load on one side of the plate over a concentric ring surrounding a hole is solved to demonstrate the method. Orig. art. has: 3 figures, 2 tables, and 37 formulas.		
SUB CODE:	20/	SUBM DATE: 25Nov64/ ORIG REF: 006
Card 1/14		

L 45769-66 EWP(w) EM

ACC NR: AP6026298

SOURCE CODE: UR/0021/66/000/007/0879/0881

35

B

AUTHOR: Tul'chiy, V. I.ORG: Mykolayiv Shipbuilding Institute (Mykolayivs'kyy Sudnobudivel'nyy instytut)TITLE: Plates reinforced by thin two-component rings

18

SOURCE: AN UkrSSR. Dopovidi, no. 7, 1966, 879-881

TOPIC TAGS: flat plate, mechanical property, boundary value problem, bending stress, torsion stress

ABSTRACT: The author sets up a problem for reinforcing the opening of a plate with a thin two-component ring made from isotropic materials. The generalized plane stressed state and bending deformations are studied. The boundary conditions for the plane stressed state and bending deformation are given. The theoretical calculations are checked on a practical example. It is shown that reinforcing a plate by a ring located at a certain distance from the hole is more efficient than direct reinforcement of the hole boundary by a ring of the same weight. The same is true in deformation bending of an isotropic plate whose circular opening is reinforced by a two-component ring under uniform fields of bending and torsion at infinity. A more general case of a reinforcing ring is considered, where the ring is composed of three or

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L 45769-66

ACC NR: AP6026298

more components. Such a case does not differ significantly from that studied. This article was presented for publication by Academician H. M. Savin, AN UkrSSR. Orig. art. has: 1 table, 6 formulas.

SUB CODE: 20/ SUBM DATE: 28Oct65/ ORIG REF: 007

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Card 2/2

L 44080-66 EWP(k)/EWT(d)/EWT(m)/EWP(w) IJP(c) EM

ACC NR: AP6030747

SOURCE CODE: UR/0198/66/002/008/0112/0119

AUTHOR: Tul'chiy, V. I. (Nikolayev); Frolov, V. P. (Nikolayev); Yakimovich, G. I. (Nikolayev)ORG: Nikolayev Shipbuilding Institute (Nikolayevskiy korablenstroitel'nyy institut) BTITLE: Plate with a circular hole reinforced by a composite ring or an elastic flangeSOURCE: Prikladnaya mehanika, v. 2, no. 8, 1966, 112-119TOPIC TAGS: hole weakened plate, reinforced hole edge, stress concentration, flat plate model

ABSTRACT: The effect of the reinforcement of a circular hole in a plate on the magnitude of stresses in it is studied in the following cases: 1) the hole is reinforced by identical isotropic circular flanges (Fig. 1), and 2) the reinforcing thin ring inside the hole consists of n soldered isotropic component rings of constant cross section (Fig. 2). The material of the reinforcement is different from that of the plate. In both cases, the elastic equilibrium of the plate is analyzed under the assumptions that the reinforcement and the edge of the hole are free from external loading, and that the homogeneous fields of tensile and shear stresses in the plate at infinity are given. In case (1), expressions are derived in the form of series for determining the

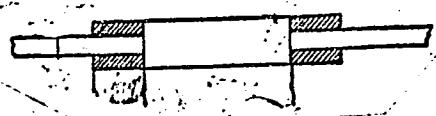


Fig. 1.

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ACC NR: AP6030747

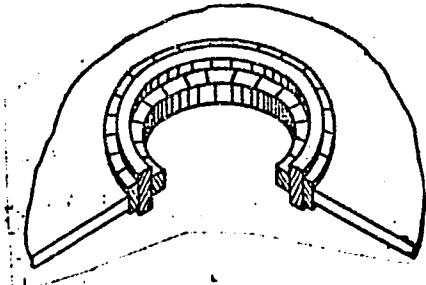


Fig. 2.

internal forces and moments, and the results of numerous computer calculations of stresses in the plate for various parameters of plates and flanges are given in a table. A comparison with stresses in a plate reinforced by a flange on one side shows that the stresses are 20 to 25% lower in the case of two side flanges (of the same weight as the one-side flange). In case (2), analogous calculations were carried out, and the effects of a two-component ring and of a single ring on the stresses in the plate are compared in a table, showing lower stress values in a plate with a two-component ring. Orig. art. has: 3 figures, 23 formulas, and two tables. [VK]

SUB CODE: 20/ SUBM DATE: 28Feb66/ ORIG REF: 008/ ATD PRESS: 5077

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LUDWIG RENNIE PSYCHOLOGICAL INSTITUTE

APPROVED FOR RELEASE: 03/14/2001

CIA-RDP86-00513R001757410015-0"

TUL'CHIY, V.I.

A method for solving two-dimensional problems in the theory of elasticity. Dop. AN URSR no.7:884-887 '64. (MIRA 17:9)

1. Nizhinskiy pedagogicheskiy institut. Predstavлено akademikom AN UkrSSR G.N.Savinym [Savin, H.M.].

SOV/124-59-1-747

Translation from: Referativnyy zhurnal. Mekhanika, 1959, Nr 1, pp 109-110 (USSR)

AUTHOR: Tul'chiy, V.I.

TITLE: ²⁶ The Bending ²⁶ of an Infinite Plate Weakened by Two Circular Apertures the Edges of Which are Reinforced by Thin Rings⁰⁴

PERIODICAL: Dopovidi ta povidemlennya. L'viv's'k. un-t, 1957, Nr 7, part 3, pp 296-308 (Ukr.)

ABSTRACT: The solution of the bending problem of a thin isotropic plate with two circular apertures, the edges of which are reinforced by means of thin elastic rings of constant cross-section is given for a uniform stress condition at infinity. The reinforcing ring is considered as a thin elastic rod with equal rigidities in bending and torsion. The problem is solved by the method of functions of a complex variable.

M.Ya. Leonov

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CIA-RDP86-00513R001757410015-0

SHEREMETEV, M.P. [Sheremetev, M.P.]; TUL'CHIY, V.I. [Tul'chyi, V.I.]

Bending of reinforced plates. Nauk. zap. L'viv. un. 44 no.8:29-39
'57. (MIRA 11:6)
(Elastic plates and shells)

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CIA-RDP86-00513R001757410015-0"

TUL'CHIY, V. I.

TUL'CHIY, V. I.: "Some problems of the bending of sheets reinforced with thin elastic rods." Min Higher Education Ukrainian SSR. L'vov State U imeni Ivan Franko. L'vov, 1956. (Dissertation for the Degree of Candidate in Physicomathematical Science)

Source: Knizhnaya letopis' No 40 1956 Moscow

DABROWSKI, J.; TULCZYJEW, B.

Note on the $^{12}\text{C}(\text{d},\text{p})^{13}\text{C}$ reaction near the 4 MeV resonance.
Acta physica Pol 16 no.3:231-234 '57.

1. Institute of Theoretical Physics, University, Warsaw.

POLAND/Theoretical Physics - Relativity. Unified Field Theory.

B

Abs Jour : Ref Zhur Fizika, No 12, 1959, 26552

Author : Tulezyjew, W.

Inst : Warsaw University, Institute of Physics, Polish Academy of Sciences

Title : On the Motion of Rotating Bodies in the General Theory of Relativity

Orig Pub : Bull. Acad. polon. sci. Ser. sci. math., astron. et phys., 1958, 6, No 10, 645-651, LI

Abstract : Relativistic corrections are found for the classical equations of motion of two rotating bodies. In the calculation, the following idea is used: the approximate equations of motion, obtained from the equations of filed by the Einstein-Infeld-Hoffman method, are compared with the Lagrangian function, the

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POLAND/Theoretical Physics

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757410015-0
Abs Jour Unified Field Theory.

: Ref Zhur Fizika, No 12, 1959, 26552

B

invariance of which under corresponding transformations leads to integrals of motion (the Noether theorem). The latter are inserted in the right half of the identity

$$(du/d \varphi)^2 + u^2 = (v/r^2 \varphi)^2, u = 1/r,$$

which makes it possible to obtain directly the differential equation of the orbits. In integrating this equation by the approximation method, the desired corrections which take into account also the effect of rotation, are obtained in the second approximation.
-- Ya.I. Pugachev

Card 2/2

TULCZYJEW, W.

Equations of motion of rotation bodies in general relativity theory. In English p.37

ACTA PHYSICA POLONIA (Polska Akademia Nauk. Komitet Fizyki)
Vol. 18, no. 1, 1959
Warszawa, Poland

Monthly List of East European Accession (EEAI) LC, vol. 9, no.1, Jan. 1960

Uncl.

POLAND/Theoretical Physics - Relativity. Unified Field Theory.

B

Abs Jour : Ref Zhur Fizika, No 2, 1960, 2616

Author : Tulczyjew, W.

Inst :

Title : Equations of Motion of Rotating Bodies in General
Relativity Theory.

Orig Pub : Acta phys. polon., 1959, 18, No 1, 37-55

Abstract : The method of successive approximations, improved by Infeld by using the β -function formalism, are used to derive the equations of motion of two rotating bodies. Equations of second approximation are integrated. With this, additional corrections were found for the well known astronomical effects of relativity theory. A new effect was also obtained, consisting of the fact that the normal to the plane of motion of two bodies precesses about a certain fixed vector with a constant angular velocity. -- Ya.I. Pugachev

Card 1/1

TULCZYJEW, W.

Motion of multipole particles in general relativity theory. Acta
physica Pol 18 inc. 5 t 393-409 '69.

1. Institute of Theoretical Physics, University, Warsaw.

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24(6)

67142

AUTHOR:

Tulczyjew, W.

POL/45-18-5-1/11

TITLE:

Motion of Multipole Particles in General Relativity Theory

PERIODICAL:

Acta Physica Polonica, 1959, Vol 18, Nr 5, pp 393-409 (Poland)

ABSTRACT:

This paper bases on Mathisson's method (1937), simplifying and extending it. The test body is first described by means of the equations of motion, which, however, in general relativity theory are contained in the field equations thus complicating the problem since on the one hand the field equations can be solved only if the equations of motion are satisfied and, on the other, the field must be known for solving the equations of motion. This difficulty disappears in the case of a test body with a mass negligible as compared to the masses of the surrounding bodies. The energy-momentum density of a body is supposed to be proportional to a certain arbitrarily small parameter ϵ , and in the limit $\epsilon = 0$ it describes the test body. Another description of bodies equivalent as regards the equations of motion can be obtained by means of multipole moments of the energy-momentum density. In this case the integrability conditions of the field equations become a system of equations of a time-like world line to be integrated

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4

Motion of Multipole Particles in General Relativity
Theory

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over the three-dimensional space containing the body (for a fixed time). As for certain problems a description by means of a continuous energy-momentum density is too detailed it is better to use a description by means of multipole moments, neglecting the unessential ones. Thus e.g. a small planet moving in the field of the sun is normally treated as a point test particle, which is equivalent to neglecting the multipole moments higher than the unipole. For simplifying the problem the continuous energy-momentum density is replaced by the singular density. The non-covariance of this method can be removed by describing the multipole particle by means of a clearly covariant singular density and replacing equation (2.4) by the invariant equation (2.11). Some auxiliary theorems, concerning the singular tensor densities (2.10) are given, with the help of which the covariant equations of motion of unipole and pole-dipole particles are then derived. Some considerations about an invariant definition of the center of mass are pointed out. There are 11 references.

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Motion of Multipole Particles in General Relativity
Theory

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POL/45-18-5-1/11

ASSOCIATION: Institute of Theoretical Physics, Warsaw University

SUBMITTED: November 5, 1958

W

Card 3/3

Tulczyjeu, W.

POLAND/Theoretical Physics - Theory of Relativity.
Unified Field Theory.

B-2

Abs Jour : Referat Zhur - Fizika, No 1, 1958, 165
Author : Tulczyjeu, W.
Inst : University of Warsaw, Poland.
Title : On the Energy-Momentum Tensor Density for Simple Pole
Particles.
Orig Pub : Bull. Acad. polon. sci., 1957, Cl. 3, 5, No 3, 279-282
Abstract : Assuming that the energy-momentum tensor density of a system of particles is a linear Dirac δ -function, we obtain from the equations of the gravitational field and from the Bianchi identities additional conditions, under which the energy-momentum tensor reduces to a particular form, in which it was written earlier by Infeld and Plebanski (Referat Zhur Fizika, 1957, No 11, 27014).

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POLAND/Theoretical Physics - Relativity; Unified Field Theory

B-2

Abs Jour : Rof Zhur .. Fizika, No 12, 1958, No 26688

Author : Trautman Andrzej, Tulczyjew Wladzimirz
Inst : Not Given
Title : Gravitation and Invariance

Orig Pub : Postepy fiz., 1958, 9, No 1, 3-25

Abstract : Survey article. Bibliography, 28 titles.

Card : 1/1

TULCZYNsKA, Helena (Warszawa, ul Dzialdowska 3/3)

A case of interstitial myocarditis. Pediat. polska 32 no.10:1143-1147
Oct 57.

1. Z Kliniki Diagnostyk Chorob Dziecięcych A. M. w Warszawie Kierownik:
prof. dr med. Z. Lejmbach.
(MYOCARDITIS, in inf. & child
interstitial, case report (Pol))

EXCERPTA MEDICA Sec 18 Vol. 2/5 Cardio July 58

1428. *Endocardial fibroelastosis in siblings* Zwlóknienie sprezyste wsierdzia u rodzeństwa. TURCZYNKA H. Klin. Diagnost. Chorób A. M., Warszawa Pol. Tyg. lek. 1957, 12/27 (1039—1043) Graphs 1 Illus. 4

Endocardial fibroelastosis was diagnosed during life in a brother and sister in infancy. Post-mortem examination of the older boy who died at the age of 1 yr and 5 months confirmed the diagnosis. The girl, aged 1 yr, with a similar clinical picture did not show a decrease of the size of the heart under the influence of lanaclerine products, strophanthin, ACTH, cortisone and meticorten. The author discusses the differential diagnosis and the new methods of surgical treatment.

(XVIII, 5, 6)

CHMIELAWSKA-SZEWCKOWA, D.; TULCZYNSKA, H.; RUDLICKA, W.

Certain considerations on constrictive pericarditis. Pediat.
polska 35 no.2:199-204 F '60.

1. Z Kliniki Terapii Chorob Dzieci A.M. w Warszawie. Kierownik:
prof.dr.med. H. Brokman. Z Kliniki Diagnostyki Chorob Dzieci
A.M. w Warszawie. Kierownik: prof.dr.med. Z. Lejmbach. Z Kliniki
Chirurgii Dziecięcej A.M. w Warszawie. Kierownik: prof.dr.med.
J. Kossakowski i z Instytutu Doskonalenia i Specjalizacji Kadra
Lekarskich. Kierownik: prof.dr.med. W. Hartwig.
(PERICARDITIS in inf.& child.)

TULCZYNSSKA, Helena.

Endocardial elastic fibrosis in a brother and a sister. Polski tygod.
lek. 12 no.27:1039-1043 1 July 57.

1. Z Kliniki Diagnostyki Chorob Dziecięcych A. M. w Warszawie;
kierownik: prof. dr med. Z Lejmbach. Adres: Warszawa, Lekarska 11.
(ENDOCARDIAL FIBROELASTOSIS, case reports,
familial (Pol))

TULCZYNsKA, Helena

Case of septicemia caused by *Bacillus pyocyanus* with pancytopenia.
Pediat. polska 31 no.3:338-342 Mar 56.

1. % Kliniki Diagnostyki Chorob Dziecięcych A.M. w Warszawie
Kierownik: prof. dr. med. Z. Lejmbach, Warszawa, ul. Lekarska
11 m. 2.

(*PSEUDOMONAS AERUGINOSA*, infections,
septicemia in child. with pancytopenia (Pol))
(*SEPTICEMIA, AND BACTEREMIA*, in infant and child,
Pseudomonas aeruginosa septicemia with pancytopenia (Pol))
(*ANEMIA, APIASTIC*, in infant and child,
in *Pseudomonas aeruginosa septicemia (Pol)*)

TULCZYNSSKA, Helena

TULCZYNSSKA, Helena; PRZYBYLSKA, Halina; SZOTOWA, Wanda

Clinical picture of atypical pneumonia in infants. Pediat. polska
29 no. 5:485-494 May 54.

1. Z Kliniki Diagnostyki Chorob Dziecięcych Akademii Medycznej w
Warszawie. Kierownik: prof. dr med. Z. Lejmbach.
(PNEUMONIA, PRIMARY ATYPICAL, in infant and child.)

TULCZYNSSKA, Helena; SLOMOWNA-WALEJKO, Barbara; KOWALEWSKA, Maria

Left-sided subphrenic abscess. Case report. Polski tygod.lek. 15
no.32:1241-1244 8 Ag '60.

1. Z Kliniki Diagnostyki Chorob Dzieciecych A.M. w Warszawie, kierownik:
prof. dr med. Z.Lejmbach, z Zakladu Radiologii Pediatricznej, kierownik:
prof. dr med. K.Rowinski i z Kliniki Chirurgii Dziecięcej A.M. w
Warszawie, kierownik; prof. dr med. J.Kossakowski; Oddział, ul.
Dzialdowska 1; kierownik Oddziału: dr med. T.Hroboni.
(SUBPHRENIC ABSCESS case reports)

TULCZYNSKI, Halina; FOLTANSKA, Hanna; ZAWADZKI, Zbigniew A.

A case of familial hypoplastic anemia in childhood (Fanconi's syndrome.)
Polski tygod. lek. 16 no. 32:1233-1235 7 Ag '61.

l. Z Kliniki Diagnostyki Chorob Dziecięcych A.M. w Warszawie; kierownik
Kliniki: prof. dr med. Zofia Lejmbach i z Pracowni Hematologicznej
Instytutu Hematologii w Warszawie; dyrektor: doc. dr med. A. Trojanowski.

(ANEMIA in inf & child)

TULCZYNSKI, Marian

Quantitative changes of extracellular water in certain pathologic conditions. Polskie arch.med.wewn. 25 no.4:775-790 '55.

1. Z I Kliniki Chorob Wewnętrznych A.M. w Warszawie, Kierownik:
prof. dr Med. A.Biernacki, Warszawa, ul.Lekarska 11, m.2.
(BODY FLUIDS,
extracellular water in various dis.)

POLAND/General Problems of Pathology - Comparative Oncology.
Tumors of Man.

U-3

Abs Jour : Ref Zhur - Biol., No 16, 1958, 75543

Author : Komczynski, L., Mozler-Daniclczuk, A., Tulczynski, M.
Inst : -
Title : Primary Reticulosarcoma of the Heart.

Orig Pub : Patol. polska, 1957, 8, No 4, 371-376

Abstract : Description of a case of primary reticulosarcoma of the posterior wall of right atrium in a male 55 years old, and discussion of 5 similar cases described in the literature.

Card 1/1

TULCZYNSKI, Marian; BORON, Piotr; SADOKIERSKI, Wladyslaw;
SIEDLECKI, Edward

Perforation of interventricular cardiac septum diagnosed
during life. Polski tygod lek. 12 no.6:218-222 4 Feb 57.

1. (Z I Kliniki Chorob Wewnetrznych A.M.B.; kierownik:
prof. dr. med. Marian Tulczynski i z Zakladu Anatomii
Patologicznej A.M.B.; kierownik: doc. dr. med. Ludwik Komczynski).
Adres: Bialystok, ul. Piwna 25. I Klinika Chorob Wewn. A.M.
(MYOCARDIAL INFARCT, compl.
perf. of interventric. septum, diag. (Pol))
(CARDIAC SEPTUM, perf.
interventric. perf. in myocardial infarct (Pol))

TULCZYNESKI, Marian; ROISKI, Stanislaw; ZDUNSKA, Alina; SAGANEK, Barbara

Treatment of Addison-Biermer's anemia with placental extract. Polski
tygod. lek. 12 no.21:781-783 20 May 57.

1. Z I Kliniki Chorob Wewnętrznych A. M. w Białymostku; kierownik:
prof. dr. med. Tulczynski i z Zakładu Chemii Farmaceutycznej A. M. w
Warszawie; kierownik: prof. dr.farm. S. Rolski. Adres: Warszawa, ul.
Lekarska 11.

(ANEMIA, PERNICIOUS, therapy,
placental tissue ther. (Pol))
(TISSUE THERAPY, in various diseases,
anemia, pernicious, placental extract (Pol))

TULCZYSKI, Marian, Miedzianowski, Alfons

Essay with serpasil in Basedow's disease. Polski tygod. lek. 12 no.38;
1452-1453 16 Sept 57.

1. (Z Kliniki Chorob Wewnętrznych A. M. w Białymostku: kierownik:
prof. dr med. Marian Tulczynski i z Oddziału Wewnętrznego Szpitala
Wojskowego w Olsztynie; ordynator: lek. A. Miedzianowski. Konsultant
wojewódzki; prof. dr med. M. Tulczynski). Adres: Olsztyn, ul. Moniuszki
17/7.

(RESERPINE, therapeutic use,
hyperthyroidism (Pol))
(HYPERTHYROIDISM, therapy,
reserpine (Pol))

TULCZYNSKI, Marian; BORON, Piotr; KALICINSKA, Sofia; KALICINSKI, Andrzej

Behavior of blood sodium & potassium & certain of its physical properties in workers employed in high temperatures. Polski tygod. lek. 13 no.33:1261-1263 18 Aug 58.

1. (Z I Kliniki Chorob Wewnętrznych Akademii Medycznej w Białymostku;
kierownik: prof. dr med. Marian Tulczynski) Warszawa, ul. Lekarska 11.

(POTASSIUM, in blood

eff. of work at high temperatures (Pol))

(SODIUM, in blood

same)

(BLOOD PROTEINS

same)

(BLOOD

fluidity, eff. of work at high temperatures (Pol))

(TEMPERATURE, eff.

on blood potassium & sodium & phys. properties in work
at high temperatures (Pol))

TULCZYNSKI, Marian; JANKOWSKI, Tadeusz

Tuberculosis of the spleen & liver with hypersplenism. Polski tygod.
lek. 13 no.34:1324-1326 25 Aug 58.

1. Z I Kliniki Chorob Wewnetrznych A. M. w Białymstoku; kierownik: prof.
dr med. M. Tulczynski i z II Kliniki Chirurgicznej A. M. w Białymstoku;
kierownik: prof. dr med. T. Jankowski. Warszawa, ul. Lekarska 11.

(TUBERCULOSIS, HEPATIC, physiol.

hypersplenism in hepatic-splenic tuberc. (Pol))

(TUBERCULOSIS, SPLENIC, physiol.

same)

(SPLIVEN, physiol.

same)

TULCZYNSKI, Marian; JANKOWSKI, Tadeusz

Results of splenectomy in blood diseases and spleen function tests.
Polskie arch. med. wewn. 29 no.3:339-344 1959.

1. Z I Kliniki Chorob Wewnętrznych A.M. w Białymostku Kierownik: prof. dr med. M. Tulczyński i a II Kliniki Chirurgicznej A.M. w Białymostku Kierownik: prof. dr med. T. Jankowski. Adres autora: Warszawa, Lekarska 11.

(BLOOD DISEASES, surg.
splenectomy, funct. aspects (Pol))

(SPLEEN, surg.
excis. in blood dis., funct. aspects (Pol))

TULCZYNSKI, Marian; BORON, Piotr; BERNACKA, Krystyna; BERNACKI, Eugeniusz

Studies on the hemopoietic system and of peripheral blood in patients operated under hypothermia. Polski przegl. chir. 31 no.1: 29-34 Jan 59.

1. Z I Kliniki Chorob Wewnetrznych A.M. w Białymostku Kierownik: prof. dr M. Tulczynski i z II Kliniki Chirurgicznej A.M. w Białymostku Kierownik: prof. dr T. Jankowski. Adres autora: Warszawa, ul. Lekarska 11.

(HYPOTHERMIA, eff.

on blood (Pol))

(BLOOD CELLS,

picture, eff. of hypothermia (Pol))

(HEMOPOIETIC SYSTEM, physiol.

eff. of hypothermia (Pol))

MIRZA, A.; TULEA, E.; SCHNEIDER, Fr.; NEAGOE, D.

Aspects of the biochemistry of the stimulogenic action of
L-glutamic acid and gamma-aminobutyric acid on interoceptors.
Stud. cercet. fisiol. 10 no.3:281-289 '65.

TULEBAEV, T.

[Kazakhstan in the seven-year plan] Kazakhstan v semiletke,
Moskva, Znanie, 1959. 46 p.
(Kazakhstan--Economic policy) (MIRA 13:2)

AUTHOR: Tulebayev, T., Deputy Chairman of the Kazakh SSR Gosplan, Minister SOV-3-58-8-2/26

TITLE: Higher Education in Kazakhstan Should be Developed on a Broader Scale (Shire razvivat' vyssheye obrazovaniye v Kazakhstane)

PERIODICAL: Vestnik vysshey shkoly, 1958, Nr 8, pp 6 - 10 (USSR)

ABSTRACT: In 1957/58, there were 9,275 general education schools, 1,315 of these secondary schools in the Kazakh SSR. The total number of students was 1,337,000. At present 36,100 students are attending 26 higher education schools, 24,000 students attend through vuz correspondence sections and 72,000 students are attending technical and other special secondary schools. The industrial development of Kazakhstan has now led to a shortage of engineers and technicians, which cannot be remedied by the existing schools. According to the computations of the Gosplan Kazakhskaya SSR (Kazakh SSR Gosplan) the average yearly deficit of higher education experts during the period 1958-1965 will be 7,000. The same applies to all other branches of the national economy. To correct this, there will be a complete change in the existing educational system. Existing higher education institutes will be enlarged by new faculties and

Card 1/2

Higher Education in Kazakhstan Should be Developed on a Broader Scale SOV-3-58-8-2/26

branches. New institutes will be founded (in Temir-Tau; Ust'-Kamenogorsk; Dzhambul; Chimkent, etc.). The author recommends establishing a Glavnoye upravleniye vysshego obrazovaniya pri Sovete Ministrov Kazakhskoy SSR (Chief Administration of Higher Education attached to the Kazakh SSR Council of Ministers) to coordinate requirements and to realize this reorganization.

ASSOCIATION: Gosplan Kazakhskoy SSR (Gosplan of the Kazakh SSR)

Card 2/2

TULEMBAYEV, Tulepbergen Tulebayevich; PLOTNIKOV, K.N., otv.red.;
FILIPPOVA, E., red.izd-va; LEBEDEV, A., tekhn.red.

[State budget of Soviet Kazakhstan; on the 40th anniversary
of the Kazakh S.S.R.] Gosudarstvennyi biudzhet Sovetskogo
Kazakhstan; k 40-letiu Kazakhskoi SSR. Moskva, Gosfinizdat,
1960. 71 p.
(Kazakhstan--Budget) (MIRA 14:2)

TULEBAYEV, Tulepbergen; DEMENT'YEV, V.A., red.; GERASIMOVA, Ye.S.,
tekhn. red.

[Theoretical and practical problems in planning the budgets
of the Union Republics; the example of the Kazakh S.S.R.]
Voprosy teorii i praktiki planirovaniia biudzhetov soiuznykh
respublik; na primere Kazakhskoi SSR. Moskva, Ekonomizdat,
1963. 331 p. (MIRA 16:6)

(Kazakhstan--Budget)

TULECA, C.

"G. Mihoc's Elements de calcul probabilitatilor (Elements of the Calculus of Probabilities); a book review, p. 560, Issued by the Rumanian Society of Mathematics and Physics, Monthly. (GAZETA MATEMATICA SI FIZICA, SERIA A., Vol. 12, Dec. 1954, Bucuresti, Rumania)

SO: Monthly List of East European Accession, (EEAL), LC, Vol. 4, No. 5, May 1955, Uncl.

TULECA, C.

"Informational sessions of the Rumanian Society of Mathematics and Physics",
p. 562, Issued by the Rumanian Society of Mathematics and Physics, Monthly.
(GAZETA MATEMATICA SI FIZICA, SERIA A., Vol. 12, Dec. 1954, Bucuresti, Rumania).

SO: Monthly List of East European Accession, (EEAL), LC, Vol. 4, No. 5,
May 1955.

TULECKI, J.

Chemical Abst.
Vol. 48 No. 9
May 10, 1954
Pharmaceuticals, Cosmetics, and
Perfumes

A polarimetric method for the control of activity in the production of vitamin D₃. J. Tulecki and E. Wawrzyniak. Farm. Polska 9, 104-9 (1933). Vitamin D₃ was produced by means of ultraviolet irradiation of ergosterol. The most effective solvent for this purpose was found to be benzene-EtOH (2:1). Irradiation was done in a H₂O-cooled quartz tube in an atm. of N₂ (free of O₂). The liquid was stirred by means of convection currents. At regular intervals samples were removed and analyzed polarimetrically (Jobin-Yvon polarimeter) (in an atm. of CO₂ free of O₂) and gravimetrically. Within 210 min. 2% ergosterol was left in a test while optical rotation dropped from -3.00 to -0.30. 15 references.

L. J. Plotrowski

R.H.
9-30-54

TULECKI, J.

Influence of solvents on Ergosterol photolysis Part 1: Actinometric
investigations. Bull.Soc.amis Sc.Poznan, Ser.C no.9:41-49 1959.
(VITAMIN D chem.)
(ULTRAVIOLET RAYS)

TULECKI, J.

Influence of solvents on Ergosterol photolysis Part II: Investigations in total and long-wave ultraviolet beams. Bull. Soc.amis Sc.Poznan, Ser.C no.9:51-58 1959.

(VITAMIN D chem.)
(ULTRAVIOLET RAYS)

TULECKI, J., SENCZUK, L.

Stability of oil preparations of vitamin D₂ and their stabilization.
Acta Poloniae pharm. 11 Suppl.:48-49 1955.

1. Zaklad Technologii Chemicznej Srodow Leczniczych A.M. w Gdansku.
(VITAMIN D,
stability of oil prep. of vitamin D₂)

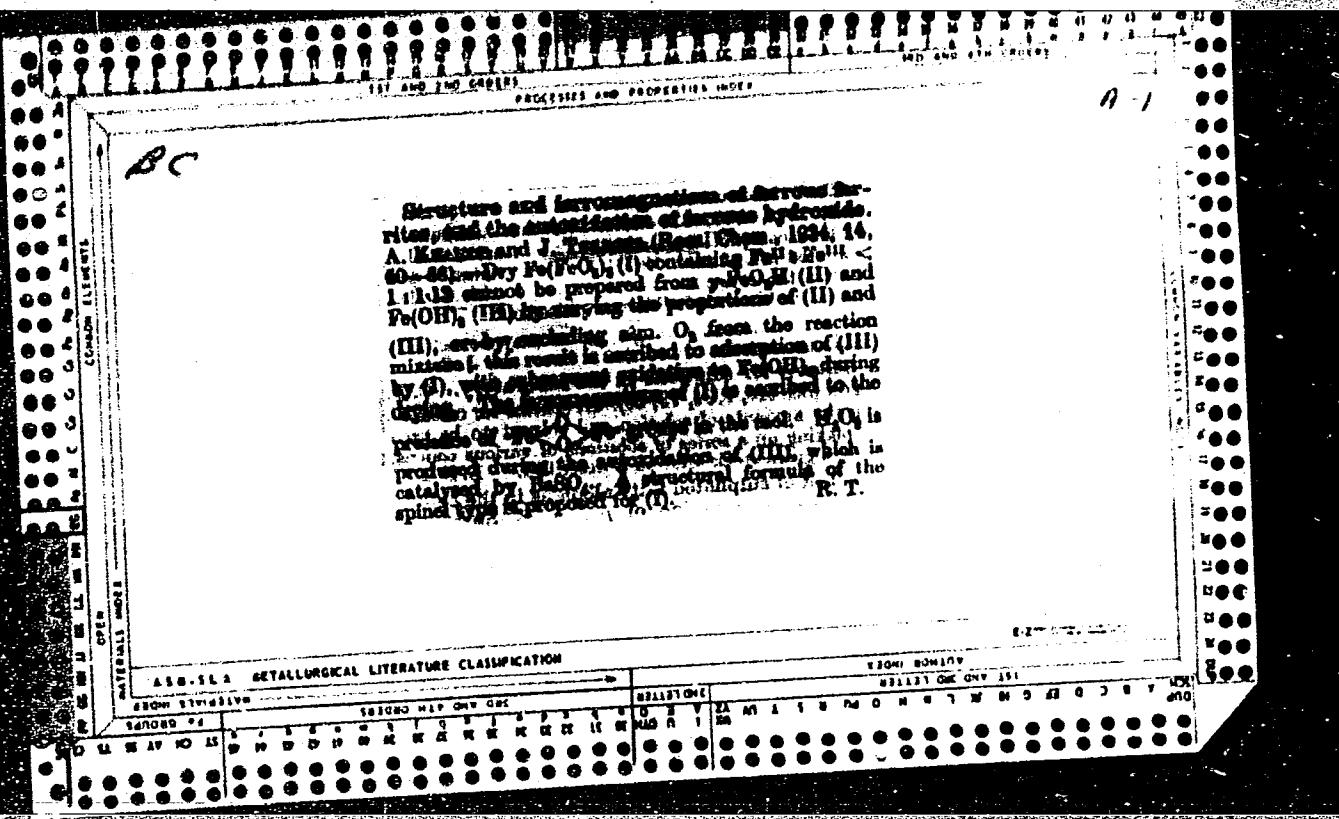
TULECKI, JERZY.

MEDICINE.

TULECKI, JERZY. Aparaty i maszyny przenoslu farmaceutycznego. Warszawa,
Panstwowy Zaklad Wydawn. Lekarskich. 1958. 439 p.

DNLM

Monthly Index of East European Accessions (EEAI) LC, Vol. 8, no. 1, Jan. 59.



TULECKI, S.

Improved construction of locomotive piston rings.

P. 304 (Przeglad Kolejowy Mechaniczny Vol. 8, no. 10, Oct. 1956, Warszawa, Poland)

Monthly Index of East European Accessions (EEAI) LC. Vol. 7, no. 2,
February 1958

TULECKI, S.

TULECKI, S. Combustion engines in the USSR. p. 368.

Vol. 7, No. 10, Oct. 1955

PRZECIAD KOLEJOWY

TECHNOLOGY

Warszawa, Poland

See: East European Accession, Vol. 5, No. 5, May 1956

35308
 S/031/62/000/003/002/002
 B112/B102

11.3400

AUTHOR: Tulegenov, M. U.

TITLE: Stability of the solutions of a countable system of differential equations

PERIODICAL: Akademiya nauk Kazakhskoy SSR. Vestnik, no. 3 (204), 1962,
 77 - 82

TEXT: The system of differential equations

$$\frac{dx_s}{dt} = \sum_{k=1}^{\infty} p_{sk} x_k + L_s(t, x_1, x_2, \dots, y_1, y_2, \dots),$$

$$\frac{dy_r}{dt} = \sum_{k=1}^{\infty} q_{rk} y_k + \sum_{k=1}^{\infty} \omega_{rk} x_k + N_r(t, x_1, x_2, \dots, y_1, y_2, \dots) \quad (s, r = 1, 2, \dots)$$

is considered. Conditions for the stability of the zero solution $x_1 = x_2 = \dots = y_1 = y_2 = \dots = 0$ with respect to given initial values of x_1, x_2, \dots are derived. These conditions concern the characteristic numbers of the solutions of the system $\frac{dx_s}{dt} = p_{s1} x_1 + p_{s2} x_2 + \dots$

Card 1/2

Stability of the solutions...

S/031/62/000/003/002/002
B112/B102-

(s = 1,2,...). There are 7 Soviet references.

✓

Card 2/2

TULEGANOV, Z.; BUZINA, A.Z.

Conference on nonspecific prevention of infections and on methods
for increasing the resistance of the body during treatment. Zdrav.
Kazakh. 21 no.10:75-76 '61. (MIRA 15:2)
(COMMUNICABLE DISEASES...PREVENTION) (IMMUNITY)

TULENBEKOV, T.

Dissertation defended at the Institute of Physiology imeni I. P. Pavlov
for the academic degree of Candidate of Biological Sciences:

"Lactation and Several Other Physiological Functions in Camels and
in Goats Under Differing Water Regimes."

Vestnik Akad Nauk, No. 4, 1963, pp. 115-145

S/056/062/042/003/016/049
B104/B102

AUTHORS:

Bednyakov, A. A., Boyarkina, A. N., Savenko, I. A.,
Tulinov, A. F.

TITLE:

Investigation of multiple scattering of 100 - 200 kev
protons from carbon

PERIODICAL: Zhurnal eksperimental'noy i teoreticheskoy fiziki, v. 42,
no. 3, 1962, 740 - 746

TEXT: The angular distributions of 100 - 200 kev protons multiply scattered from polystyrene films were determined by a photographic method. The measurements were made on the electrostatic accelerator of the NIIYaF MGU. The photographic plates were placed at a distance of about 30 mm from the polystyrene films which were hit by a perpendicular proton beam. The hydrogen contained in polystyrene contributed only little to proton scattering. The targets had the following thicknesses: 24 ± 0.6 , 40 ± 0.7 , 69 ± 0.9 , 88 ± 1.1 , and $104 \pm 1.2 \mu\text{g/cm}^2$. Calculations were conducted on the basis of Molière's theory. A difference of 20 - 30% was observed between experimental and calculated scattering. This discrepancy is a consequence of the Thomas-Fermi model used in the theory. If the

Card 1/2

Investigation of multiple...

S/056/62/042/003/016/049
B104/B102

potential of a carbon atom obtained by the Hartree-Fock method is used for the calculation, good agreement is attained for proton energies down to 90 kev. For proton energies below 90 kev, the experimental angular distribution is broader than the calculated one. Better agreement should be attained by taking account of inelastic processes, especially the charge exchange of the moving ions, and the deformations of the electron shell in solid targets. V. S. Nikolayev and Ya. A. Teplova are thanked for discussing the results. There are 6 figures, 2 tables, and 14 references; 4 Soviet and 10 non-Soviet. The four most recent references to English-language publications read as follows: H. A. Bethe, Phys. Rev., 89, 1256, 1953; W. T. Scott, Phys. Rev., 85, 246, 1952; D. S. Lorentz, E. J. Zimmerman, Phys. Rev., 113, 1212, 1959; S. K. Allison, Rev. Mod. Phys., 30, 1137, 1958.

ASSOCIATION: Institut yadernoy fiziki Moskovskogo gosudarstvennogo universiteta (Institute of Nuclear Physics of the Moscow State University)

SUBMITTED: October 25, 1961

Card 2/2

Mathematical Reviews
 Vol. 14 No. 8
 Sept. 1953
 Analysis

Tulegenov, B. On stability of solutions of a system of differential equations of the second order. Izvestiya Akad. Nauk Kazah. SSR 1950, no. 97, Ser. Mat. Mekh. 4, 57-72 (1950). (Russian)

Let there be given a system

$$(1) \quad \begin{aligned} \dot{x}_1 &= p_{11}(t)x_1 + p_{12}(t)x_2 \\ \dot{x}_2 &= p_{21}(t)x_1 + p_{22}(t)x_2 \end{aligned}$$

where the coefficients $p_{ij}(t)$ are bounded and of weak variation. A number of properties of the characteristic numbers of Lyapunov are established with appropriate conclusions as to stability at the origin. Application is made to an equation $\ddot{x} + p(t)x = 0$. It is reduced to the equivalent system

$$(2) \quad \begin{aligned} \dot{x}_1 &= x_2, \\ \dot{x}_2 &= -px_1, \end{aligned}$$

and as a typical result it is shown that if

$$p(t) \leq a < 0, \quad \lim_{t \rightarrow \infty} \frac{1}{t} \int_0^t \sqrt{-p} \, dt = b \neq 0,$$

then the system (2) is stable at the origin.

Extension is also made to a system

$$(3) \quad \begin{aligned} \dot{x}_1 &= p_{11}x_1 + p_{12}x_2 + X_1(t, x_1, x_2), \\ \dot{x}_2 &= p_{21}x_1 + p_{22}x_2 + X_2(t, x_1, x_2), \end{aligned}$$

where X_1, X_2 are small terms of higher order than $|x_1| + |x_2|$ and the p_{ij} are as in (1). The following result is proved. Let

$D = 4p_{11}p_{22} + (p_{11} - p_{22})^2 \geq a > 0$ and let the following limits exist

$$\lim_{t \rightarrow \infty} \frac{1}{2t} \int_0^t (p_{11} + p_{22} \pm \sqrt{D}) d\tau = \begin{cases} \alpha \\ \beta \end{cases}$$

Then (3) is stable [unstable] whatever the X_t if both $\alpha, \beta < 0$ [if one of α or $\beta > 0$].

S. Lefschetz.

"APPROVED FOR RELEASE: 03/14/2001

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at $t \in \mathbb{R}$, where $r(t,x)$ is a quasi-periodic function with respect to

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TULEGENOV, B? T.

Stability of Solutions of an Almost-triangular System of Differential Equations.
p. 67

TRANSACTIONS OF THE 2ND REPUBLICAN CONFERENCE ON MATHEMATICS AND MECHANICS
(TRUDY VTOROY RESPUBLIKANSKOY KONFERENTSII PO MATEMATIKE I MEKHANIKE), 184
pages, published by the Publishing House of the AS KAZAKH SSR, ALMA-ATA, USSR, 1962

S/044/62/000/009/012/069
A060/A000

AUTHORS: Kudakova, R.V., Tulegenov, M.O.

TITLE: On the "realizability" of almost-periodic solutions of systems of differential equations

PERIODICAL: Referativnyy zhurnal, Matematika, no. 9, 1962, 34, abstract 9B179
("Tr. Mekhan.-matemat. fak. Kazakhsk. un-t", 1960, v. 1, no. 2,
104 - 109)

TEXT: Using the well-known Krasovskiy theorem (RZhMat, 1960, 1642K) on the stability of the trivial solution, an obvious method is used to solve the problem as to the stability of the almost-periodic solution of a system under continuously sustained perturbations satisfying the Lipschitz condition with a small constant. The unperturbed systems considered in the problem are those for which the existence of almost-periodic solutions is ensured by the theorems of G.I. Biryuk (Dokl. AN SSSR, 1954, 96, no. 1) and V.Kh. Kharasakhal (RZhMat, 1960, 6434). The term "positive realizability of the solution", introduced in this paper, is equivalent to the usual notion of the stability of the solution with

Card 1/2

On the "realizability" of almost-periodic

S/044/62/000/009/012/069
A060/A000

respect to continuously sustained perturbations. The paper contains misprints.

B.F. Bylov

[Abstracter's note: Complete translation]

Card 2/2

TULEGENOV, M.U.

Solution stability of the counting system of differential equations,
Vest.AN Kazakh.SSR 18 no.3:77-82 Mr :62. (UFA 15:3)
(Differential equations)

TULEGENOV, T.; YEL'KINA, N.T.

Experimental study of the ultra- and microporosity of primary and hydrothermally altered rocks in the Saukbulak ore zone (Almalyk, Central Asia). Uzb. geol. zhur. 8 no.1:19-26 '64.

1. Institut geologii Ural'skogo filiala AN SSSR i Institut geologii i geofiziki im. Kh.M. Abdullayeva AN UzSSR. (MIRA 18:5)

KOROLEV, A.V. [deceased] ; TULEGENOV, T.

Porosity of rocks as a factor determining the emplacement of ores.
Geol.rud. mestorozh. no.6:73-79 N-D '60. (MIRA 14:3)

1. An UzbSSR, Institut geologii, Tashkent.
(Almalyk region—Ore deposits)
(Porosity)

TULEGENOV, T.

Effect of the porosity and jointing of ore-enclosing rocks
in the Sauk-Bulak ore zone on the distribution of copper ores
in them. Trudy Inst. geol. UFAN SSSR no.70:221-238 '65.

(MIRA 18:12)

TULEGENOV, Z.; NESIS, A.

"Roentgenology in occupational diseases and intoxications" by
K. P. Molokanov. Reviewed by Z. Tulegenov and A. Nesis. Zerav.
Kazakh. no.4:76-77 '62. (MIRA 15:6)

(OCCUPATIONAL DISEASES) (INDUSTRIAL TOXICOLOGY)
(DIAGNOSIS, RADIOSCOPIC) (MOLOKANOV, K. P.)

GUMAROVA, F.G.; GOSTEVA, A.G.; TULEGENOV, Z.K.; MAKASHEVA, S.U.; POLOSUKHIN, A.P.; MUSABEKOV, A.M.; DANILOV, Yu.S.; NIGMATULIN, M.A.; ZAKHAROV, F.G.; LUZINA, Z.T.; NEPEsov, T.I.; STASYUNAS, I.P.; ISABEKOV, O.I.; SARSENBALEVA, K.; KATSYUBA, V.T.; LEHOVSKIY, A.S.; AKHMEDEV, K.Yu.; SUBKHANBERDIN, S.Kh.; KISLITSINA, N.P.; POLIKARPOV, S.V.; ZAIROV, K.S.; APSATAROV, A.A.; NOVOSEL'TSEV, V.H.; PETROV, N.N.; KHOMUTOV, M.V.; GALUSTYAN, A.S.; ARTYKOV, A.Ye.; DZHANDIL'DIN, N.D.; KOVRIGINA, M.D.; BEYSERAYEV, M.; BUBLIK, V.N.; CHERNYSH, A.M.

Discussion on the report of S.R.Karynbaev, Minister of Public Health of the Kazakh S.S.R., on the status and improvement of medical care. Zdrav.Kazakh. 17 no.4/5 '57. (MIRA 12:6)

1. Zav. Alma-Atinskym oblastnym zdravotdelom (for Gumarova).
2. Vrach bol'nitsy g.Leninogorska Vostochno-Kazakhstanskogo obldzdravotdela (for Gosteva). 3. Zav. Karagandinskym oblastnym otdelom zdravookhraneniya (for Tulegenov). 4. Zav.Kzyl-Ordinskim oblastnym otdelom zdravookhraneniya (for Makasheva). 5. Vitse-prezident AN KazSSR (for Polosukhim). 6. Zav.Aktyubinskym oblastnym otdelom zdravookhraneniya (for Musabekov) 7. Ministr zdravookhraneniya Kirgizii (for Danilov).

(Continued on next card)

GUMAROVA, F.G.---(continued) Card 2.

8. Zav.Vostochno-Kazakhstanskim oblastnym otdelom zdravookhrama-
neniya (for Nigmatulin). 9. Chlen kollegii Ministerstva
zdravookhraneniya SSSR (for Zakharov). 10. Zav.Kustanayskim
oblastnym otdelom zdravookhraneniya (for Luzina). 11. Ministr
zdravookhraneniya Turkmeneskoy SSR (for Nepesov). 12. Zav.sel'-
skim vrachebnym uchastkom Priirtyshskogo rayona Pavlodarskoy
oblasti (for Stasyunas). 13. Glavnnyy vrach Kapal'skoy rayonnoy
bol'nitsy Taldy-Kurganskoy oblasti (for Isabekov). 14. Zav.
zhenotdelom Yuzhno-Kazakhstanskogo obkoma partii (for
Sarsenbayeva). 15. Zav. Dzhambulskim oblastnym otdelom
zdravookhraneniya (for Katsyuha). 16. Glavnnyy vrach Alma-
Atinskogo oblastnogo tuberkuleznogo dispansera (for Lenov-
skiy). 17. Ministr zdravookhraneniya Tadzhikskoy SSR (for
Akhmedov). 18. Nachal'nik Kazaptekoupravleniya (for
Subkhanherdin).

(Continued on next card)

GUMAROVA, F.G.----(continued) Card 3.

19. Zav. Semipalatinskim oblastnym otdelom zdravookhraneniya (for Kisiltsina).
20. Predsedatel' respublikanskogo komiteta soyuza medrabotnikov (for Polikarpov).
21. Zam. ministra zdravookhraneniya Uzbekskoy SSR (for Zairov).
22. Zav. Alma-Atinskim gorodskim otdelom zdravookhraneniya (for Apsatarov).
23. Zav. Severo-Kazakhstanskim oblastnym otdelom zdravookhraneniya (for Novosel'tsev).
24. Zav.rayzdravodelom Shortandin-skogo rayona Akmolinskoy oblasti (for Petrov).
25. Zam. ministra zdravookhraneniya Soyusa SSR (for Khomutov).
26. Zav.ministra zdravookhraneniya ArmSSR (for Galustyan).
27. Predsedatel' Komiteta fizicheskoy kul'tury i sporta pri Sovete Ministrov KazSSR (for Artykov).
28. Sekretar' TSentral'nogo Komiteta Kommunisticheskoy partii Kazakhstana (for Dzhandil'din).
29. Ministr zdravookhraneniya Sovetskogo Soyusa (for Kovrigina).
30. Pervyy zamestitel' predsedatelya Soveta Ministrov KazSSR (for Beysebayev).
31. Uchastkovyy vrach Kustanayskoy oblasti (for Bublik).
32. Zam.predsedatelya Obshchestva Krasnogo Kresta Kazakhstana (for Chernysh).

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